

Docket No.: L&L-10025

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : SÖNKE MEHRGARDT ET AL.  
Filed : CONCURRENTLY HEREWITH  
Title : SIGNAL RECEPTION AND PROCESSING METHOD FOR  
CORDLESS COMMUNICATIONS SYSTEMS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

U.S. Patent No. 5,469,112 (Lee), dated November 21, 1995;

U.S. Patent No. 5,724,001 (Chang), dated March 3, 1998;

U.S. Patent No. 5,724,396 (Claydon et al.), dated March 3, 1998;

Patent Abstracts of Japan 06188926 A (Shigeki et al.), dated July 8, 1994;

Ismailoglu, N. et al.: "Low-Power Design of a Digital FM Demodulator Based on Zero-Cross Detection at IF", IEEE, Vehicular Technology Conference, September 19-22, 1999, pp. 810-813;

Marsvati, F.: "The Reconstruction of a Signal from the Zero Crossings of an FM Signal", The Transactions of the IECE of Japan, Vol. E 68, No. 10, October 1985, p. 650;

Boche, H.: "Zero-Crossing von bandbegrenzten Signalen und Bandpaß-Signalen"  
[Zero Crossing of Band-Limited Signals and Band Pass Signals], Frequenz, Vol. 51,  
No. 11-12, November 1997, pp. 286-288;

Ray, S.K.: Zero-Crossing-Based Approximate Demodulation of Wide-Deviation FM",  
IEE Proceedings, Vol. 131, Part F, No. 1, February 1984, pp. 47-51;

Boche, H. et al.: "Behavior of the Hard-Limiter for Bandpass Signals and Possibilities  
of Signal Reconstruction", International Conference in Telecommunications, Vol. 4,  
June 21-25, 1998, pp. 385-388;

International Search Report, dated November 4, 2002.

If no translation of pertinent portions of any foreign language patents or publications  
mentioned above is included with the aforementioned copies of those applications,  
patents and/or publications, it is because no existing translation is readily available to  
the applicant.

Respectfully submitted,



For Applicants

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Date: July 28, 2003

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<b>FORM PTO-1449 (SUBSTITUTE)</b>  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> (37 CFR 1.98(b))				Attorney Docket No.: L&L-I0025 Appl. No.:  <hr/> Applicant: SÖNKE MEHRGARDT ET AL.  <hr/> Filing Date: July 28, 2003 Group Art Unit:			
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	5,469,112	11/21/95	Lee			
	B	5,724,001	3/3/98	Chang			
	C	5,724,396	3/3/98	Claydon et al.			
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	E						
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<b>FOREIGN PATENT DOCUMENT</b>							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES   NO
	J	06188926 A	7/8/94	Japan			
	K						
	L						
	M						
	N						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
		Ismailoglu, N. et al.: "Low-Power Design of a Digital FM Demodulator Based on Zero-Cross Detection at IF", IEEE, Vehicular Technology Conference, September 19-22, 1999, pp. 810-813					
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<b>FOREIGN PATENT DOCUMENT</b>							
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	L						
	M						
	N						
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		Boche, H.: "Zero-Crossing von bandbegrenzten Signalen und Bandpaß-Signalen" [Zero Crossing of Band-Limited Signals and Band Pass Signals], Frequenz, Vol. 51, No. 11-12, November 1997, pp. 286-288					
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